

# ASTRONOMICAL, &c.

## Chronological Cycles.

Golden Number	-	-	-	8	Dominical Letter	-	-	E
Epact	-	-	-	28	Roman Indiction	-	-	9
Solar Cycle	-	-	-	12	Julian Period	-	-	6564

## Obliquity.

Mean Obliquity of the Ecliptic, January 1st, 1851— $23^{\circ} 27' 31'' 49$ .

## Astronomical Symbols.

		SIGNS OF THE ZODIAC.	
☉ The Sun	♄ Saturn	♈ Aries	
☾ First Quarter	♃ Georgian	♉ Taurus	
☽ Full	♌ Conjunction	♊ Gemini	
☾ Last Quarter	☐ Quadrature	♋ Cancer	
● New	♍ Opposition	♌ Leo	
♿ Mercury	* Sextile	♍ Virgo	
♀ Venus	△ Trine	♎ Libra	
♁ Earth	♊ Ascending Node	♏ Scorpio	
♂ Mars	♋ Descending Node	♐ Sagittarius	
♁ Vesta	N North	♑ Capricornus	
♁ Pallas	S South	♒ Aquarius	
♁ Juno	° Degrees	♓ Pisces	
♀ Ceres	' Minutes		
♃ Jupiter	" Seconds		

## Commencement of the Seasons.

Spring commences March 21st, at 0h. 41m. morning.

Summer commences June 21st, at 9h. 27m. afternoon.

Autumn commences September 23rd, 11h. 37m. morning.

Winter commences December 22nd, 5h. 15m. morning.

## Ember Days.

March 12th, 14th and 15th.

September 17th, 19th and 20th.

June 11th, 13th and 14th.

December 17th, 19th and 20th.

## Eclipses.

In the year 1851, there will be four Eclipses—two of the Sun, and two of the Moon:

1st—A partial Eclipse of the Moon, January 17th, not visible in Nova Scotia—the Moon being below the horizon to all places in West longitude at the time of the middle of Eclipse.

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